

INEOS PP 194-NA25

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

194-NA25 is a high clarity injection moulding grade which can be used in many different applications. This grade contains an additive, which could generate a slight almond odour in the finished articles. As such, for food contact applications we recommend you establish its suitability prior to use.

Applications

Consumer products

Transparent containers

Medical syringes

Benefits and Features

Good processability

Good optical properties

Good clarity

Good rigidity and strength

General Information			
Features	Good Processability		
	Good Strength		
	High Clarity		
	Homopolymer		
	Medium Rigidity		
	Opticals		
Uses	Consumer Applications		
	Containers		
	Medical/Healthcare Applications		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	38.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	3.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	116	°C	ISO 75-2/B

Optical	Nominal Value	Unit	Test Method
Haze	27	%	ASTM D1003

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